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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report
Minerals Regulatory Program
August 18, 2005

Supervisor

SW
For DH

Mine Name: Mammoth Ridge 1
Operator Name: Burningham Enterprises

Permit number: S/017/048
Inspection Date: August 2, 2005
Time: 1:00 PM – 2:15 PM

Inspector(s): Doug Jensen, Tom Munson, Dan Smith

Other Participants: None

Mine Status: Active

Weather: Warm, Rainy

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

This site was inspected because of citizen complaints about the operation and to GPS the disturbance.

Inspection Summary:

We met with a landowner (Dan Siminatis), who owns property in the vicinity and was concerned with the dust and noise being caused by the operation. Tom rode around the area with the landowner to get a feel for the proximity of their houses and the location of their water tank. The housing development where Mr. Siminatis lives is located over the ridge from the mining operation.

While Tom became familiar with the area with the landowner, Dan GPS'd the disturbance while I took photographs.

The GPS map of the site showed that the disturbance at the site totaled 5.23 acres. Burningham Enterprise's permit application stated that 4.5 acres would be disturbed and the reclamation bond was calculated on that basis. **Because the operator has disturbed more than 5 acres, he should immediately begin efforts to submit a large mine application to the Division.**

The disturbance at the site encompasses a fairly large pit and large stockpile of crushed material.

The site was clean and there were no environmental concerns noted.

Photos were taken of the site and are included in this report. Also attached is a copy of the map that was made with the GPS data collected while onsite.

The permit application identified the area to be mined as the W½ of the SW¼ of Section 6, T37S, R5W. While this legal description is correct, a check with SITLA has shown that his lease for this site was issued for the SE¼ of the SW¼ of Section 6. Mr. John Blake of SITLA and Mr. Burningham were notified of this problem.

A CO has been issued due to the fact that he is mining in an area where he did not have the "right of entry" to the property. Mr. Burningham did not have a lease on the area where his quarry is located.

1. Permits, Revisions, Transfer, Bonds

Mining on this site had taken place before approval of the surety was issued. A conditional acceptance had been given to the operator; the condition of the initiation of mining was the submission of a surety and completion a reclamation contract and receipt of written approval from this office. The items contained in the approval are now in place and a final approval was issued on August 9, 2005.

2. Public Safety (shafts, adits, trash, signs, highwalls)

The pit has ~10' highwalls on the west side and a portion of the north side. The only soil harvested at the site was used to form berms above the west highwall.

The entrance to the quarry was blocked with large piles of quarried material and the highwall areas have been bermed to discourage access into the site.

5. Roads (maintenance, surfacing, dust control, safety)

The unpaved access road into the mine site is shared by the housing development over the ridge. Mr Burningham has upgraded the access road by placing some travertine fines on the surface.

Conclusions and Recommendations:

Mr. Burningham should begin efforts immediately to prepare and submit a NOI-LMO (large mine) application to the Division.

Until Mr. Burningham satisfies the conditions of the CO issued at this site, he cannot resume mining or removal of any materials from the site.

Inspector's Signature



Date:

8/18/05

Inspection Date: August 2, 2005; Report Date: August 18, 2005
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Directions to Site: This site is located a couple miles south of Hatch on highway 89 on the west side of the highway. The site is located approximately a quarter mile from the highway and is very apparent as you drive south.

dj:jb
cc: Burningham Enterprises, Operator
John Blake, SITLA
Attachment: GPS & Photos

O:\M017-Garfield\S0170048-MammothRidge1\08022005insp.doc

ATTACHMENT

Photographs

S/017/048, Mammoth Ridge 1, Gary Burningham

Inspection Dated: August 2, 2005; Report Dated: August 10, 2005



Quarry Looking northeast showing stockpiles and crusher pad.



Quarry Site looking southeast showing highwall and pad



Mine Number: S170048
Mine Name: Mammoth Ridge 1
Township 37 S Range 05 W

Section 06 SLBM

Inspection Date Aug. 02, 2005
Map Produced by DKS

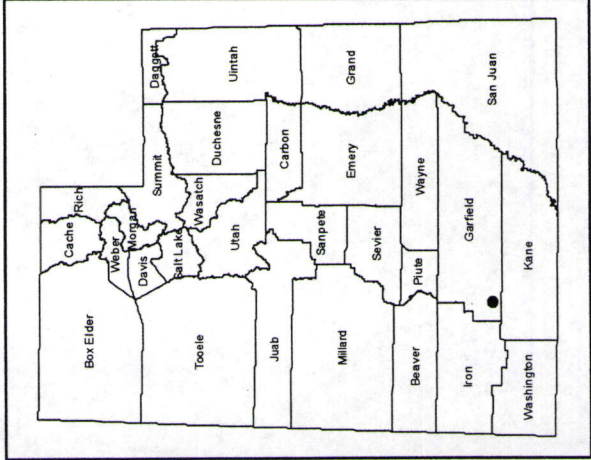
Acres Disturbed	5.23
Acres Regraded	0
Acres Seeded	0
Total Acres Disturbed	5.23
Acres Reclaimed	0
Acres Excluded	0
Acres Prelaw	0

Legend
All items symbolized in legend may not be appear on map

- County Boundary
- Township or range line
- Access
- Mine
- NonMine
- Other
- Disturbed
- Regraded
- Seeded
- Reclaimed
- Excluded
- Prelaw
- MinePermit
- US Route
- State Route
- Primary Route
- Secondary Route
- Main Dirt Road
- Unimproved Road
- Interchange
- Trail

Section line location doubtful
Section line location doubtful

DOQ imagery date 1998



0 250 500
Feet
Scale 1:6,000 (verify scale)
1 inch = 500 feet

Dept. of Natural Resources
Division of Oil, Gas, and Mining
Mineral Mines Program

Different data sources and input scales
may cause misalignment of data layers.
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